

**Digital Signal Processing in Audiology  
- AUDIS -**

**EU Marie Curie Actions  
Initial Training Network**

**CALL FOR APPLICATIONS**

**Preliminary Application Deadline: 1 October 2008**

The acronym **AUDIS** stands for “**Digital Signal Processing in Audiology**”. Within **AUDIS 4 universities and 2 industrial companies** around Europe offer a **joint research and training programme** funded by the EU under the FP 7 “People” Programme as a **Marie Curie Action** (ITN). Over the duration of 24 to 36 months **AUDIS** will provide **opportunities for doctoral and post-doctoral research fellows** in digital signal processing for applications in hearing instruments. **Cutting edge research projects** in the fields of **digital signal processing, audiology and psychoacoustics**, a wide variety of international **training activities** and **attractive grants** will be made available to successful candidates.

**Positions for PhDs and Postdocs are envisaged at the following partner labs** (official recruiting will start after signature of EU contract):

Ruhr-Universität Bochum / Germany: Prof. R. Martin ([rainer.martin@rub.de](mailto:rainer.martin@rub.de))

Katholieke Universiteit Leuven / Belgium: Prof. J. Wouters ([jan.wouters@med.kuleuven.be](mailto:jan.wouters@med.kuleuven.be))

University of Southampton / United Kingdom: Prof. M. Lutman ([mel@isvr.soton.ac.uk](mailto:mel@isvr.soton.ac.uk))

Kungliga Tekniska Högskolan / Sweden: Prof. A. Leijon ([arne.leijon@s3.kth.se](mailto:arne.leijon@s3.kth.se))

Siemens Medical Solutions / Germany: Dr. H. Puder ([henning.puder@siemens.com](mailto:henning.puder@siemens.com))

Cochlear Benelux NV / Belgium: Dr. B. van Dijk ([bvandijk@cochlear.be](mailto:bvandijk@cochlear.be))

**Who Can Apply**

**Early-stage (Doctoral) Researchers**

- Who have obtained a degree that allows for direct entry into doctoral studies
- Who have less than four years experience in research (including period of research training) starting at the date of obtaining the degree

### **Experienced (Post-doctoral) Researchers**

- Who are already in possession of a doctoral degree (independently of the time taken to acquire it) **OR**
- Who have at least 4 years of research experience after obtaining the degree which formally allowed them to embark on a doctorate
- Research experience (including the period of research training) of an experienced researcher recruited may not exceed 5 years at the time of appointment

### **In order to ensure transnational mobility**

- Typically, successful candidates must move country when joining AUDIS
- Applicants of EU member state and associated countries (Iceland, Israel, Liechtenstein, Norway, Switzerland, Croatia, Serbia, Macedonia, Turkey) as well as applicants of third countries must have spent no more than 12 months (during the last 3 years) in the country of the host institution they wish to apply to.
- EU and citizens of associated states who have been resident in a non-associated third country for more than 3 of the last 4 years can take up a project in their country of nationality.

### **How to Apply**

Please send in the following documents via email to the AUDIS coordination office c/o Isabel Strauss ([isabel.strauss@uv.rub.de](mailto:isabel.strauss@uv.rub.de)):

- CV (including personal details, academic history, work experience, experimental skills, publications etc.)
- Certified copies of all relevant diplomas and transcripts
- Two letters of recommendation
- Proof of proficiency in English
- Letter of motivation (research interest, reasons for applying to programme and host)

Applications will be shortlisted. Shortlisted candidates will be given opportunity to present their professional and personal qualifications before the project's supervisory board after the conclusion of the call for applications.

For further information on research projects available, application details and eligibility please contact the project coordinator Prof. R. Martin on [rainer.martin@rub.de](mailto:rainer.martin@rub.de) or Isabel Strauss at the coordination office on [isabel.strauss@uv.rub.de](mailto:isabel.strauss@uv.rub.de).